

OIEP

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/842,469

DATE: 05/17/2001
TIME: 11:51:23

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Input Set : A:\ES.txt
Output Set : N:\CRF3\05112001\I842469.raw

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3 <110> APPLICANT: PFIZER PRODUCT INC
5 <120> TITLE OF INVENTION: ADAMTS POLYPEPTIDES, NUCLEIC ACIDS ENCODING THEM, AND
6   USES THEREOF
9 <130> FILE REFERENCE: PC10473B
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/842,469
C--> 11 <141> CURRENT FILING DATE: 2001-04-26
13 <160> NUMBER OF SEQ ID NOS 9
15 <170> SOFTWARE: PatentIn Ver. 2.1
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18 <211> LENGTH: 3776
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59 ggcgaatgca agcactgagg ctgcgaccca gtctctgggt cggacctgcg ggaggaacaag 2220
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90 <212> TYPE: PRT

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98 20 25 30

100 Leu Ser Ser Leu Glu Ser Tyr Glu Ile Ala Phe Pro Thr Arg Val Asp

101 35 40 45

103 His Asn Gly Ala Leu Leu Ala Phe Ser Pro Pro Pro Pro Arg Arg Gln

104 50 55 60

106 Ala Arg Gly Thr Gly Ala Ile Ala His Ser Arg Leu Phe Tyr Lys Val

107 65 70 75

109 Ala Ser Pro Ser Thr His Phe Leu Leu Asn Leu Thr Arg Ser Ser Arg

110 80 85 90 95

112 Leu Leu Ala Gly His Val Ser Val Glu Tyr Trp Thr Arg Glu Gly Leu

113 100 105 110

115 Ala Trp Gln Arg Ala Ala Arg Pro His Cys Leu Tyr Ala Gly His Leu

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118 Gln Gly Gln Ala Ser Thr Ser His Val Ala Ile Ser Thr Cys Gly Gly
119          130          135          140
121 Leu His Gly Leu Ile Val Ala Asp Glu Glu Glu Tyr Leu Ile Glu Pro
122 145          150          155          160
124 Leu His Gly Gly Pro Lys Gly Ser Arg Ser Pro Glu Glu Ser Gly Pro
125          165          170          175
127 His Val Val Tyr Lys Arg Ser Ser Leu Arg His Pro His Leu Asp Thr
128          180          185          190
130 Ala Cys Gly Val Arg Asp Glu Lys Pro Trp Lys Gly Arg Pro Trp Trp
131          195          200          205
133 Leu Arg Thr Leu Lys Pro Pro Pro Ala Arg Pro Leu Gly Asn Glu Thr
134          210          215          220
136 Glu Arg Gly Gln Pro Gly Leu Lys Arg Ser Val Ser Arg Glu Arg Tyr
137 225          230          235          240
139 Val Glu Thr Leu Val Val Ala Asp Lys Met Met Val Ala Tyr His Gly
140          245          250          255
142 Arg Arg Asp Val Glu Gln Tyr Val Leu Ala Ile Met Asn Ile Val Ala
143          260          265          270
145 Lys Leu Phe Gln Asp Ser Ser Leu Gly Ser Thr Val Asn Ile Leu Val
146          275          280          285
148 Thr Arg Leu Ile Leu Leu Thr Glu Asp Gln Pro Thr Leu Glu Ile Thr
149          290          295          300
151 His His Ala Gly Lys Ser Leu Asp Ser Phe Cys Lys Trp Gln Lys Ser
152 305          310          315          320
154 Ile Val Asn His Ser Gly His Gly Asn Ala Ile Pro Glu Asn Gly Val
155          325          330          335
157 Ala Asn His Asp Thr Ala Val Leu Ile Thr Arg Tyr Asp Ile Cys Ile
158          340          345          350
160 Tyr Lys Asn Lys Pro Cys Gly Thr Leu Gly Leu Ala Pro Val Gly Gly
161          355          360          365
163 Met Cys Glu Arg Glu Arg Ser Cys Ser Val Asn Glu Asp Ile Gly Leu
164          370          375          380
166 Ala Thr Ala Phe Thr Ile Ala His Glu Ile Gly His Thr Phe Gly Met
167 385          390          395          400
169 Asn His Asp Gly Val Gly Asn Ser Cys Gly Ala Arg Gly Gln Asp Pro
170          405          410          415
172 Ala Lys Leu Met Ala Ala His Ile Thr Met Lys Thr Asn Pro Phe Val
173          420          425          430
175 Trp Ser Ser Cys Ser Arg Asp Tyr Ile Thr Ser Ile Leu Asp Ser Gly
176          435          440          445
178 Leu Gly Leu Cys Leu Asn Asn Arg Phe Ile Arg Ala Asp Phe Val Tyr
179          450          455          460
181 Phe Thr Val Ala Phe Gly Gln Ala Tyr Asn Ala Asp Ile Thr Cys Arg
182 465          470          475          480
184 Phe Gln His Gly Val Lys Ser Arg Gln Cys Lys Tyr Gly Glu Val Cys
185          485          490          495
187 Ser Glu Leu Trp Cys Leu Ser Lys Ser Asn Arg Cys Ile Thr Asn Ser
188          500          505          510

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194      530      535      540
196 Gly Val Asp Gly Ala Trp Gly Pro Trp Thr Pro Trp Gly Asp Cys Ser
197 545      550      555      560
199 Arg Thr Cys Gly Gly Val Ser Ser Ser Ser Arg His Cys Asp Ser
200      565      570      575
202 Pro Arg Pro Thr Ile Gly Gly Lys Tyr Cys Leu Gly Glu Arg Arg Arg
203      580      585      590
205 His Arg Ser Cys Asn Thr Asp Asp Cys Pro Pro Gly Ser Gln Asp Phe
206      595      600      605
208 Arg Glu Val Gln Cys Ser Glu Phe Asp Ser Ile Pro Phe Arg Gly Lys
209      610      615      620
211 Phe Tyr Lys Trp Lys Thr Tyr Arg Gly Gly Gly Val Lys Ala Cys Ser
212 625      630      635      640
213 Leu Thr Cys Leu Ala Glu Gly Phe Asn Phe Tyr Thr Glu Arg Ala Ala
214      645      650      655
216 Ala Val Val Asp Gly Thr Pro Cys Arg Pro Asp Thr Val Asp Ile Cys
217      660      665      670
219 Val Ser Gly Glu Cys Lys His Val Gly Cys Asp Arg Val Leu Gly Ser
220      675      680      685
222 Asp Leu Arg Glu Asp Lys Cys Arg Val Cys Gly Gly Asp Gly Ser Ala
223      690      695      700
225 Cys Glu Thr Ile Glu Gly Val Phe Ser Pro Ala Ser Pro Gly Ala Gly
226 705      710      715      720
228 Tyr Glu Asp Val Val Trp Ile Pro Lys Gly Ser Val His Ile Phe Ile
229      725      730      735
231 Gln Asp Leu Asn Leu Ser Leu Ser His Leu Ala Leu Lys Gly Asp Gln
232      740      745      750
234 Glu Ser Leu Leu Leu Glu Gly Leu Pro Gly Thr Pro Gln Pro His Arg
235      755      760      765
237 Leu Pro Leu Ala Gly Thr Thr Phe Gln Leu Arg Gln Gly Pro Asp Gln
238      770      775      780
240 Val Gln Ser Leu Glu Ala Leu Gly Pro Ile Asn Ala Ser Leu Ile Val
241 785      790      795      800
243 Met Val Leu Ala Arg Thr Glu Leu Pro Ala Leu Arg Tyr Arg Phe Asn
244      805      810      815
246 Ala Pro Ile Ala Arg Asp Ser Leu Pro Pro Tyr Ser Trp His Tyr Ala
247      820      825      830
249 Pro Trp Thr Lys Cys Ser Ala Gln Cys Ala Gly Gly Ser Gln Val Gln
250      835      840      845
252 Ala Val Ala Cys Arg Asn Glu Leu Asp Ser Ser Ala Val Ala Pro His
253      850      855      860
255 Tyr Cys Ser Ala His Ser Lys Leu Pro Lys Arg Gln Arg Ala Cys Asn
256 865      870      875      880
258 Thr Glu Pro Cys Pro Pro Asp Trp Val Val Gly Asn Trp Ser Leu Cys
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261 Ser Arg Ser Cys Asp Ala Gly Val Arg Ser Arg Ser Val Val Cys Gln

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269          930          935          940
271 Pro Pro Glu Trp Ala Ala Leu Asp Trp Ser Glu Cys Thr Pro Ser Cys
272 945          950          955          960
274 Gly Pro Gly Leu Arg His Arg Val Val Leu Cys Lys Ser Ala Asp His
275          965          970          975
277 Arg Ala Thr Leu Pro Pro Ala His Cys Ser Pro Ala Ala Lys Pro Pro
278          980          985          990
280 Ala Thr Met Arg Cys Asn Leu Arg Arg Cys Pro Pro Ala Arg Trp Val
281          995          1000          1005
283 Ala Gly Glu Trp Gly Glu Cys Ser Ala Gln Cys Gly Val Gly Gln Arg
284          1010          1015          1020
286 Gln Arg Ser Val Arg Cys Thr Ser His Thr Gly Gln Ala Ser His Glu
287 1025          1030          1035          1040
289 Cys Thr Glu Ala Leu Arg Pro Pro Thr Thr Thr Gln Gln Cys Glu Ala
290          1045          1050          1055
292 Lys Cys Asp Ser Pro Thr Pro Gly Asp Gly Pro Glu Glu Cys Lys Asp
293          1060          1065          1070
295 Val Asn Lys Val Ala Tyr Cys Pro Leu Val Leu Lys Phe Gln Phe Cys
296          1075          1080          1085
298 Ser Arg Ala Tyr Phe Arg Gln Met Cys Cys Lys Thr Cys Gln Gly His
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306 (210) LENGTH: 3414
307 (210) TYPE: DNA
308 (210) ORGANISM: nucleotide,mouse
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VERIFICATION SUMMARY

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DATE: 05/11/2001

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L:11 M:271 C: Current Filing Date differs. Replaced Current Filing Date